

303-9

CATALOG D7

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# PLAYGROUND APPARATUS

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MADE BY  
NARRAGANSETT MACHINE CO.  
PROVIDENCE, R. I., U. S. A.







# PLAYGROUND APPARATUS CATALOG D<sup>7</sup>



MADE BY

NARRAGANSETT MACHINE COMPANY  
PROVIDENCE, R. I.

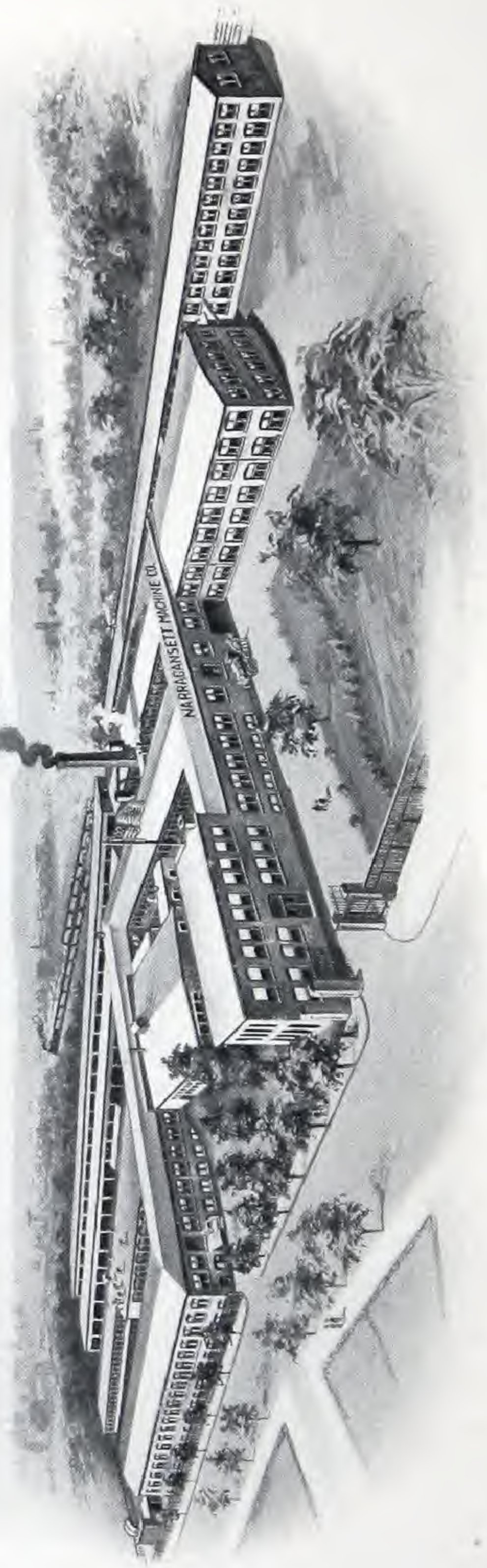
CHICAGO  
1504 Monadnock Block

U. S. A.

NEW YORK  
52 Vanderbilt Avenue  
Room 1615

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Narragansett Machine Co.  
Providence, R. I.





FACTORY OF THE NARRAGANSETT MACHINE COMPANY  
PROVIDENCE, R. I.

FLOOR AREA, 200,000 FEET

SHED AREA, 40,000 FEET



# CATALOG D<sup>7</sup>

## PLAYGROUND

## APPARATUS

**W**E have listed in this the seventh edition of our Playground Apparatus Catalog a selection of apparatus of proved utility and durability. We have purposely omitted dangerous and fancy thrillers that require careful supervision and costly repairs.

The Public Playground is a permanent institution and requires permanent and safe apparatus. We have given

### PERMANENCE AND SAFETY

The most careful expert attention.

**FINISH**—All malleable fittings and steel pipe is thoroughly galvanized.

**PLANS**—We will be pleased to submit Plans of the arrangement of apparatus and Estimate of cost.

1—We to furnish and install everything.

2—We to furnish apparatus, fittings, and pipe F. O. B. Factory.

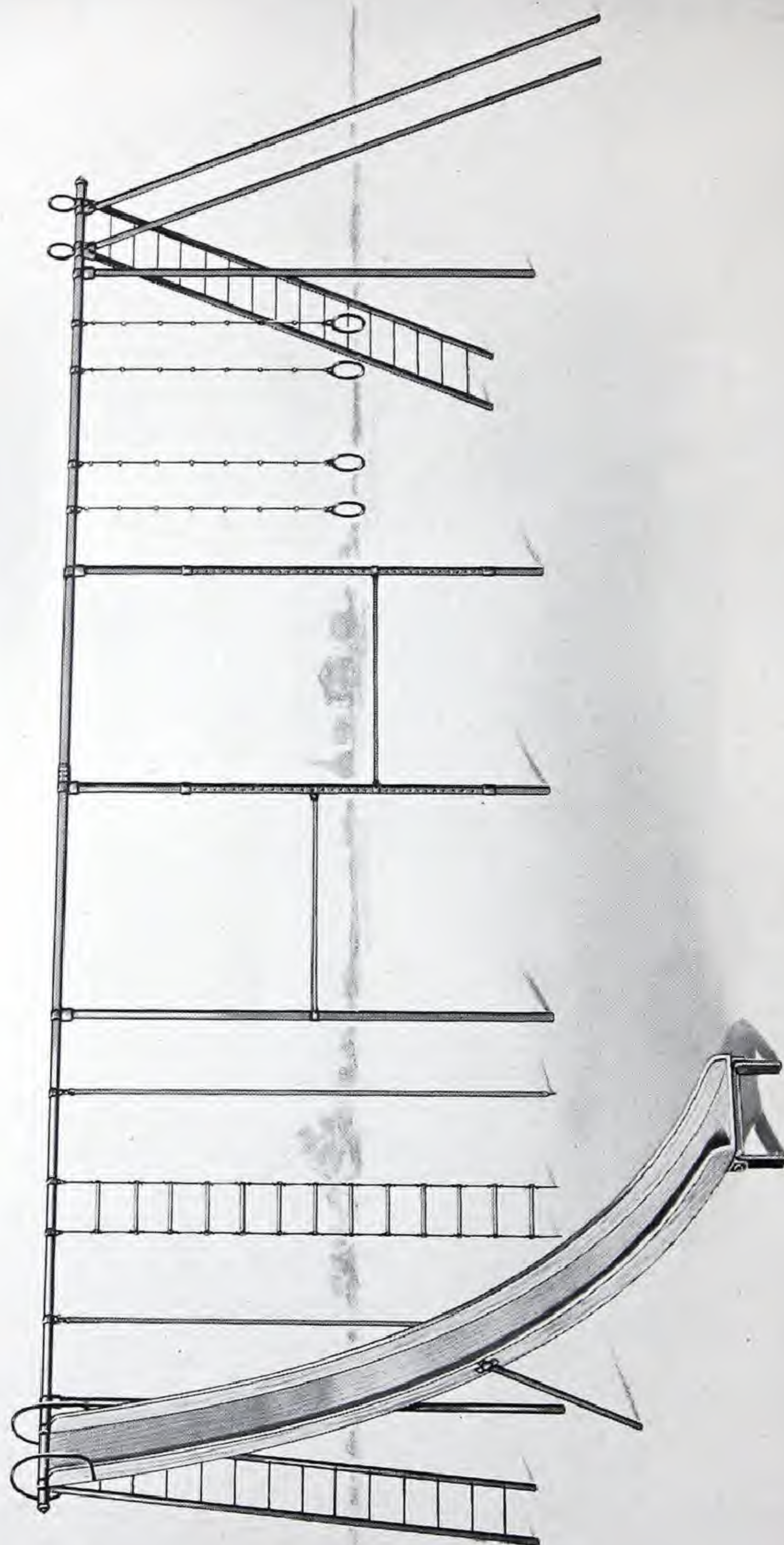
3—We to furnish apparatus, and fittings only F. O. B. Factory and plans for erection.

Lists of pipe are given in this catalog.

The last plan is the most economical as the Pipe work can generally be furnished and erected by local construction at the least cost. On any order of apparatus and fittings we will furnish complete specifications and instructions for erection, concrete bases, etc. for each separate frame.

Write for Prices and Discounts.





GYMNASIUM OUTFIT No. D101



## GYMNASIUM OUTFIT No. D 101

Includes Apparatus, Frame Fittings and Pipe.

A Combination Outfit for either boys or girls.

Length 40 feet.

Height 14 feet.

Space required for use 44 x 36 feet.

## APPARATUS

- 1 D 102 Inclined Ladder
- 1 Pair D 103F Inclined Sliding Poles
- 1 D 104 24 Foot Slide
- 1 D 105 Slide Ladder
- 1 Pair D 106 Hand Rails for Sliding Poles
- 1 Pair D 107 Hand Rails for Slide
- 1 D 108F Flexible Vertical Ladder
- 2 D 109F Climbing Poles
- 1 D 110 Horizontal Bar
- 1 D 111 Adjustable Horizontal & Vaulting Bar
- 2 Pair D 112F Flying Rings

## FRAME FITTINGS

- 2 D 146 3" Pipe Plugs
- 5 D 145 3" Foot Flanges
- 1 D 141 3" Pipe Coupling
- 5 D 140 3" Pipe Tee Clamps.

## PIPE

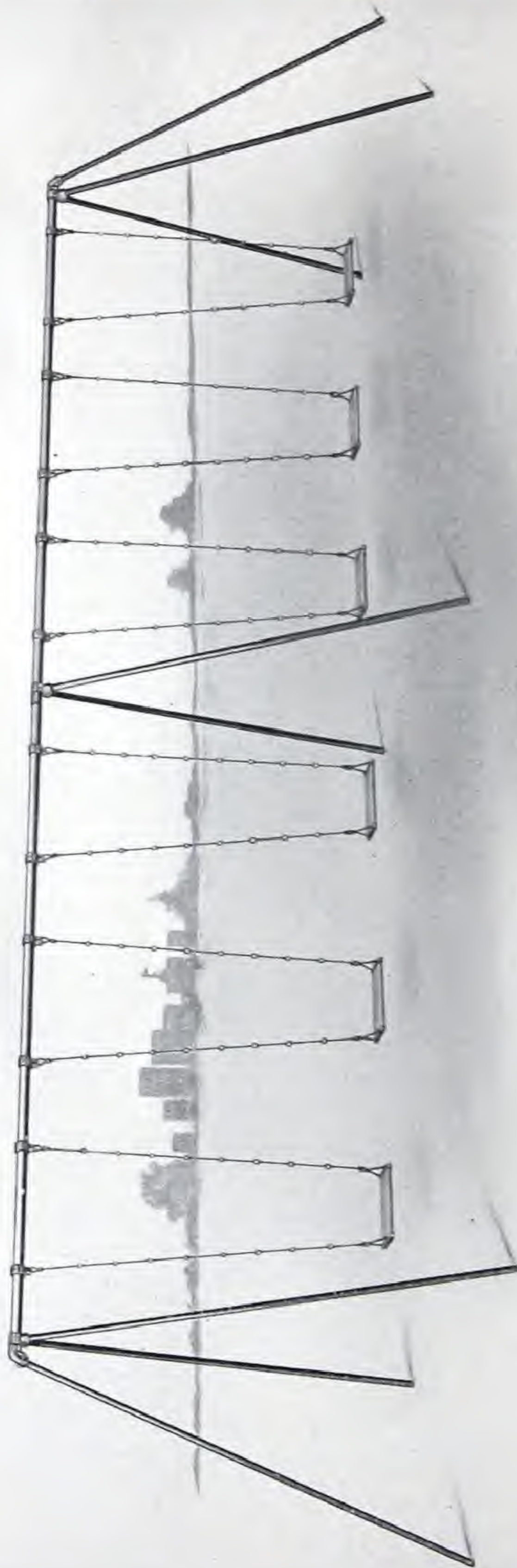
(All Pipe must have clean cut square ends)

- 2 Pcs. 3" Galvanized Pipe 20'-0" Long-No Threads.
  - 5 Pcs. 3" Galvanized Pipe 17'-0" Long-No Threads.
- Note. Pipe can be bought locally if desired.

## CONCRETE BASES

For Concrete Formula and quantities see page 28.





SIX SWING, OUTFIT No. D113



## SIX SWING OUTFIT No. D113

Includes 6 Swings, Frame Fittings and Pipe,  
A compact and Permanent Swing for Public Playgrounds.  
Length 30 feet. Height 12 feet.  
Space required for use 46 x 20 feet.

### APPARATUS

6 D115F Swings.

### FRAME FITTINGS

- 8 D144 2" Foot Flanges
- 3 D142 Side Brace Clamps
- 1 D141 3" Pipe Coupling
- 2 D143 End Brace Clamps

### PIPE

(All pipe must have clean cut square ends)

- 2 Pieces 3" Galvanized Pipe 15'-0" Long-No Threads
- 8 Pieces 2" Galvanized Pipe 15'-3" Long-No Threads

Note:—Pipe can be bought locally if desired.

## THREE SWING OUTFIT NO. D114

Includes 3 Swings, Frame Fittings and Pipe.  
Length 15 feet. Height 12 feet.  
Space required for use 30 x 20 feet..

### APPARATUS

3 D115F Swings

### FRAME FITTINGS

- 6 D144 2" Foot Flanges
- 2 D142 Side Brace Clamps
- 2 D143 End Brace Clamps

### PIPE

(All pipe must have clean cut square ends)

- 1 Piece 3" Galvanized Pipe 15'-0" Long-No Threads
- 6 Pieces 2" Galvanized Pipe 15'-3" Long-No Threads

Note:—Pipe can be bought locally if desired.

### CONCRETE BASES

For Concrete Formula and quantities see page 28.





## TRAVELING RING OUTFIT No. D117

Includes 6 Traveling Rings, Frame Fittings and Pipe.

A Separate Traveling Ring Outfit for Public Playgrounds.

Length 40 feet.

Height 14 feet.

Space required for use 55 x 18 feet.

### APPARATUS

6 D118F Traveling Rings

### FRAME FITTINGS

8 D144 2" Foot Flanges  
 3 D142 Side Brace Clamps  
 1 D141 3" Pipe Coupling  
 2 D143 End Brace Clamps

### PIPE

(All pipe must have clean cut square ends.)

2 Pieces 3" Galvanized Pipe 20'-0" Long-No Threads

8 Pieces 2" Galvanized Pipe 17'-6" Long-No Threads

Note:—Pipe can be bought locally if desired.

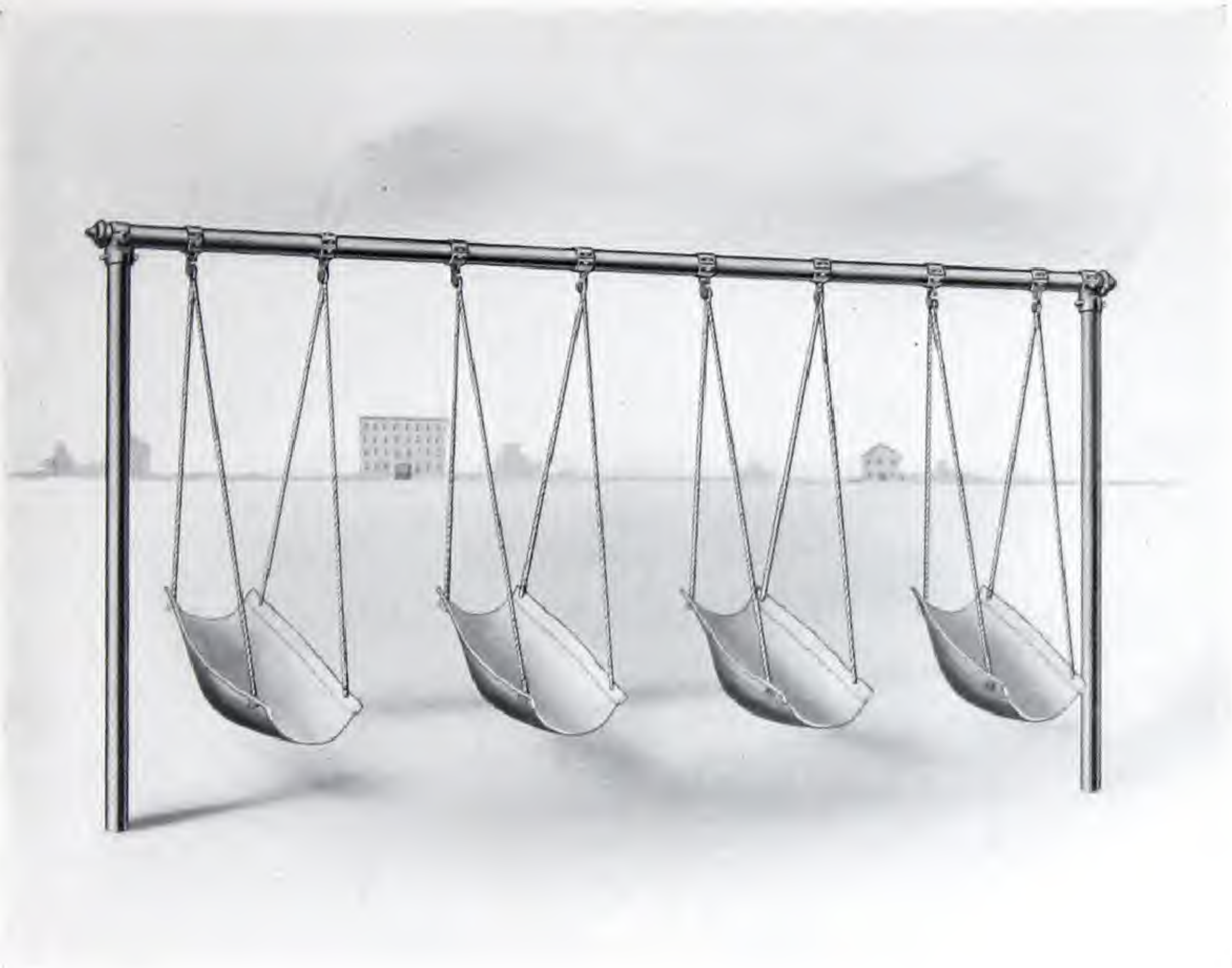
### CONCRETE BASES

For concrete formula and quantities see page 28.

No. D139 Inclined Plank

(This is not included with the above frame but is sometimes used for starting—see page 20.)





### BABY SWING OUTFIT No. D 121

Includes 4 Baby Swings, Frame Fittings and Pipe.

Just right for Little Ones.

Length 15 feet.

Height  $7\frac{1}{2}$  feet.

Space required for use 20 x 12 feet.

#### APPARATUS

4 D 122F Baby Swings

#### FRAME FITTINGS

- 2 D 146 3" Pipe Plugs
- 2 D 145 3" Foot Flanges
- 2 D 140 3" Pipe Tee Clamps

#### PIPE

(All pipe must have clean cut square ends).

- 1 Piece 3" Galvanized Pipe 15'-0" Long-No Threads
- 2 Pieces 3" Galvanized Pipe 10'-0" Long-No Threads

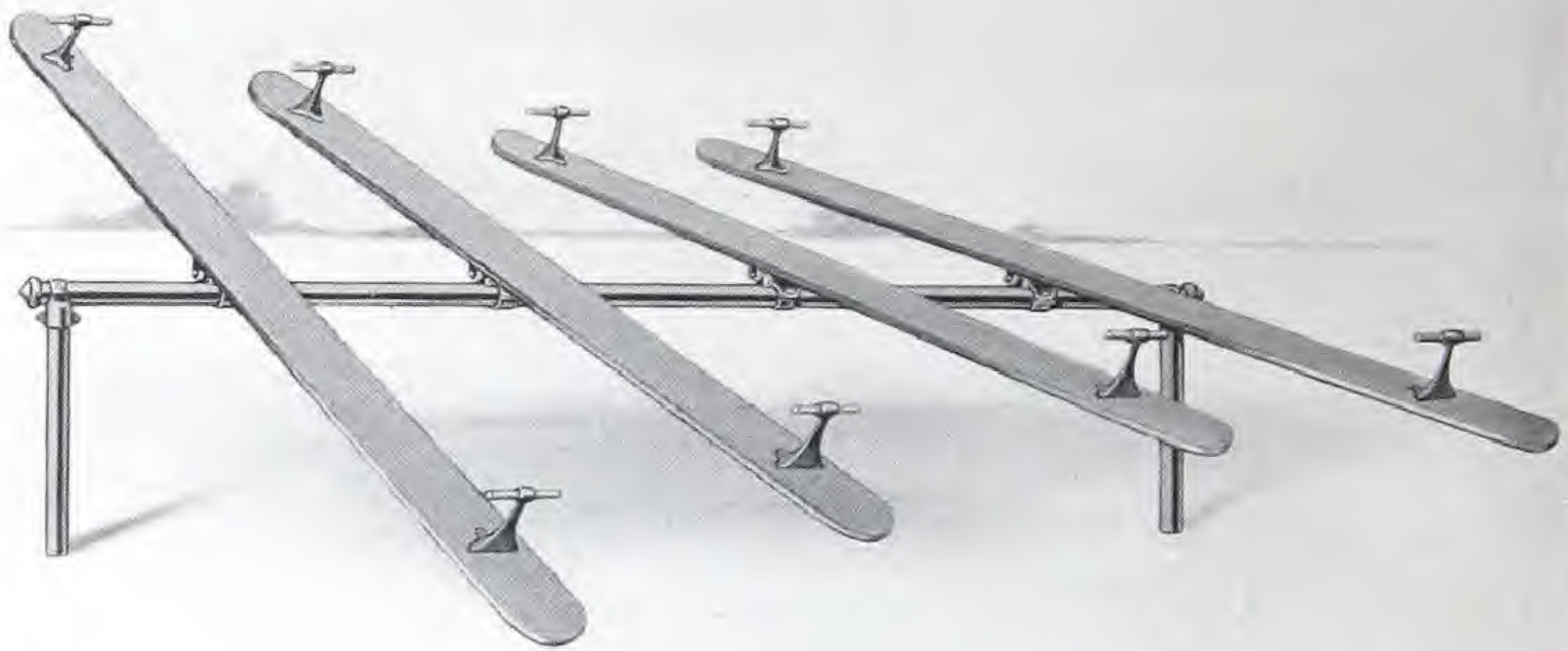
Note:—Pipe may be bought locally if desired.

#### CONCRETE BASES

For Concrete Formula and quantities see page 28.

If preferred CHAIR SWINGS will be furnished in place of Baby Swings.  
See page 24.





### SEE-SAW OUTFIT No. D 119

Includes 4 See-Saws, Frame Fittings and Pipe.  
A Substantial See-Saw for Public use.

Length 15 feet.

Height  $2\frac{1}{2}$  feet.

Space required for use 20 x 20 feet

#### APPARATUS

4 D 120F See-Saw Boards complete with Fulcrums and Handles.

#### FRAME FITTINGS

- 2 D 146 3" Pipe Plugs
- 2 D 145 3" Foot Flanges
- 2 D 140 3" Pipe Tee Clamps

#### PIPE

(All pipe must have clean cut square ends).

1 Piece 3" Galvanized Pipe 15'-0" long-no Threads.

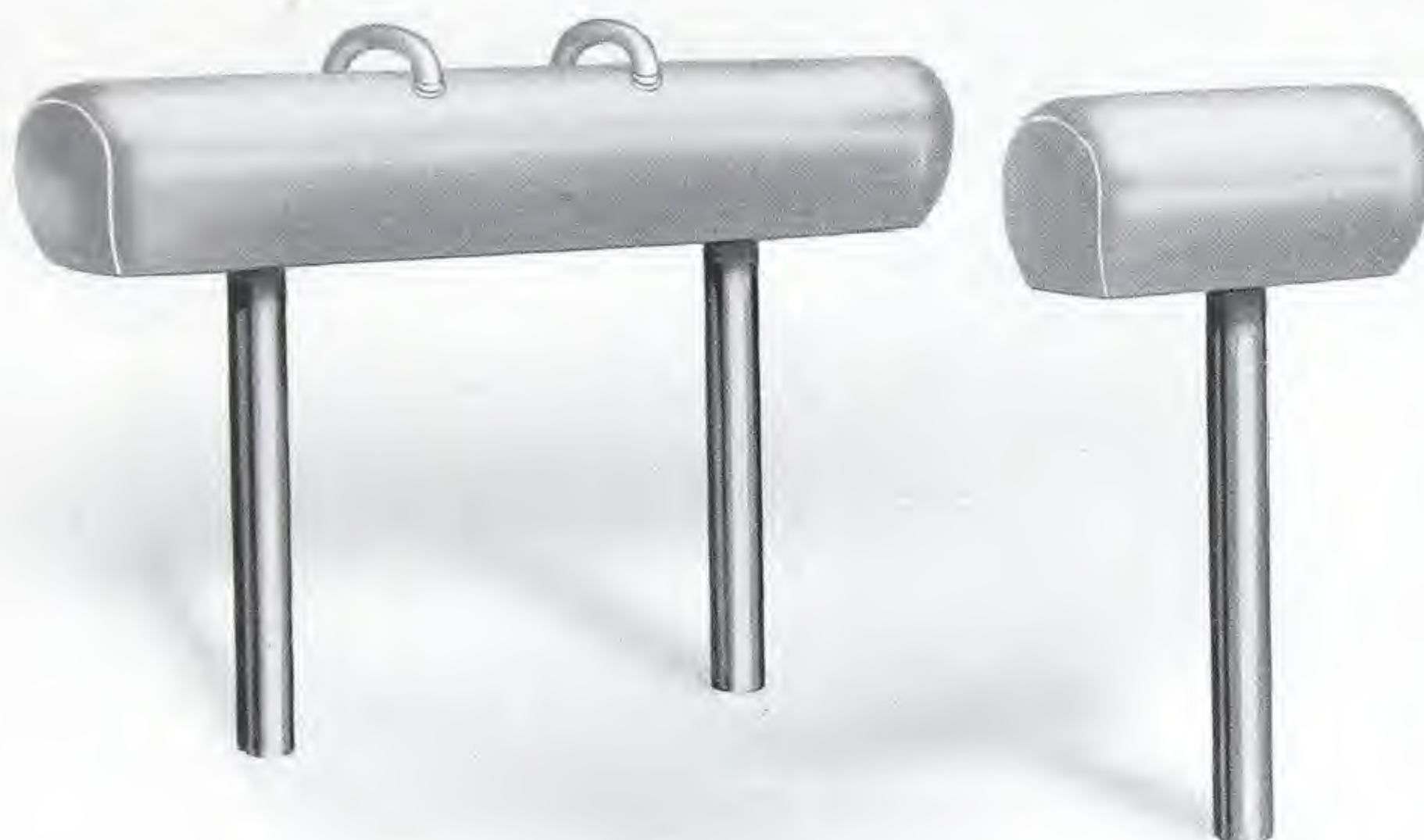
2 Pcs. 3" Galvanized Pipe 5'-0" long-no Threads.

Note:—Pipe can be bought locally if desired.

#### CONCRETE BASES

For Concrete Formula and quantities see page 28.





HORSE No. D 123

BUCK No. D 124

### HORSE NO. D 123

An adaptation of the gymnasium Horse for Outdoor Service. The body is padded and covered with painted canvas. An occasional painting will keep it from injury by weather. Pommels are made of galvanized steel. The posts are made of galvanized pipe and should be set in concrete bases.

### BUCK NO. D 124

Like the Horse, canvas covered with a galvanized post that should be set in concrete base.

### CONCRETE BASES

For Concrete Formula and quantities see page 28.





### PARALLEL BARS No. D 125

A popular piece of apparatus for Men and Boys.

Length 8 feet.

Height 5 feet.

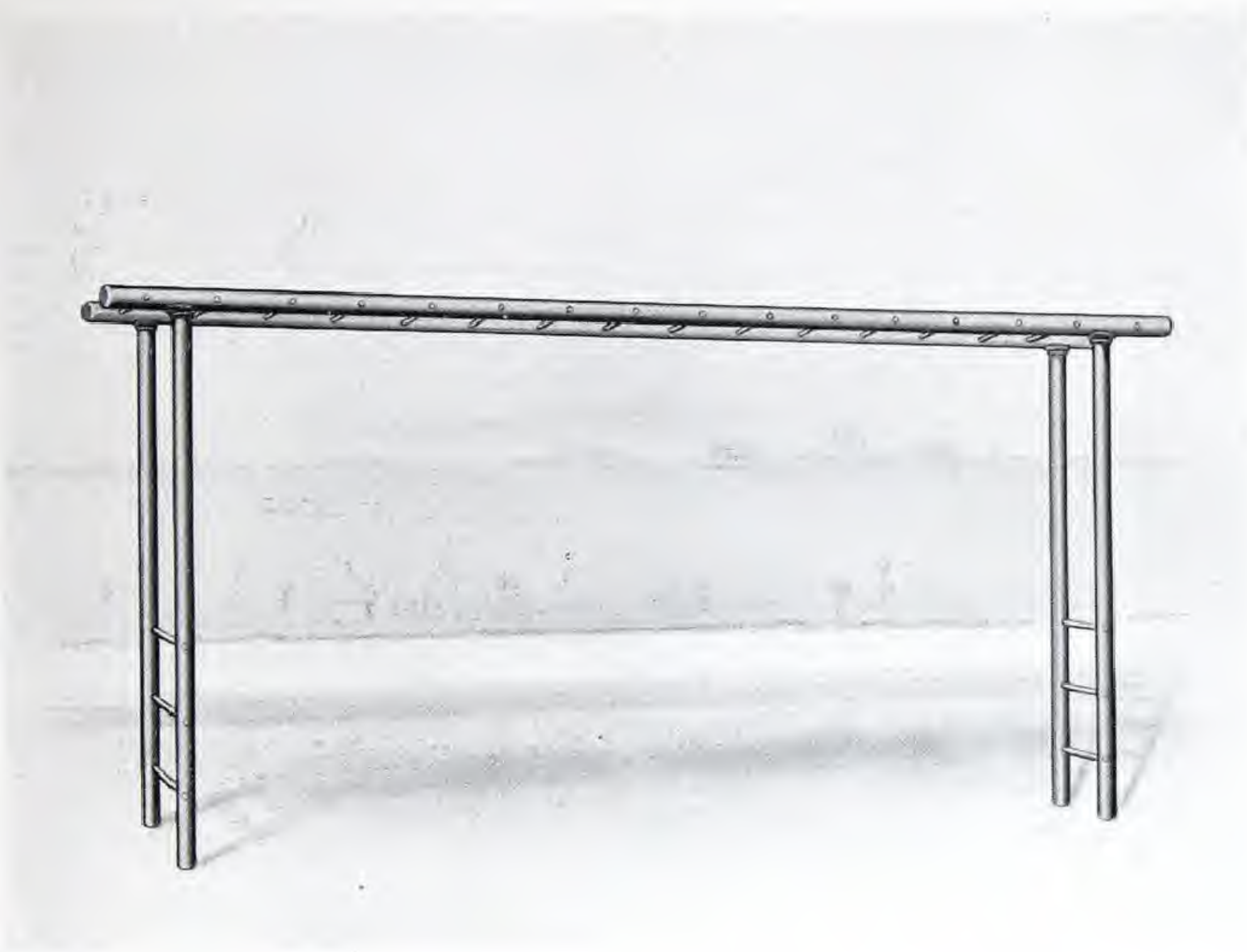
Space required for use 10 x 15 feet.

Galvanized steel bars and pipe uprights. Indestructible and compact, they furnish a means for exercises and stunts well known to all city boys. The posts should be set in concrete bases.

### CONCRETE BASES

For Concrete Formula and quantities see page 28.





### HORIZONTAL LADDER No. D 133

A substantial all Steel Ladder with vertical end supports. All parts galvanized. Should be set in concrete bases.

Length 16 feet.      Height  $7\frac{1}{2}$  feet.

Space required for use 10 x 24 feet.

#### CONCRETE BASE

For Concrete Formula and quantities see page 28.





### HORIZONTAL BAR No. D132

A popular piece of apparatus for Men and Boys.

Width  $6\frac{1}{2}$  feet

Height 8 feet

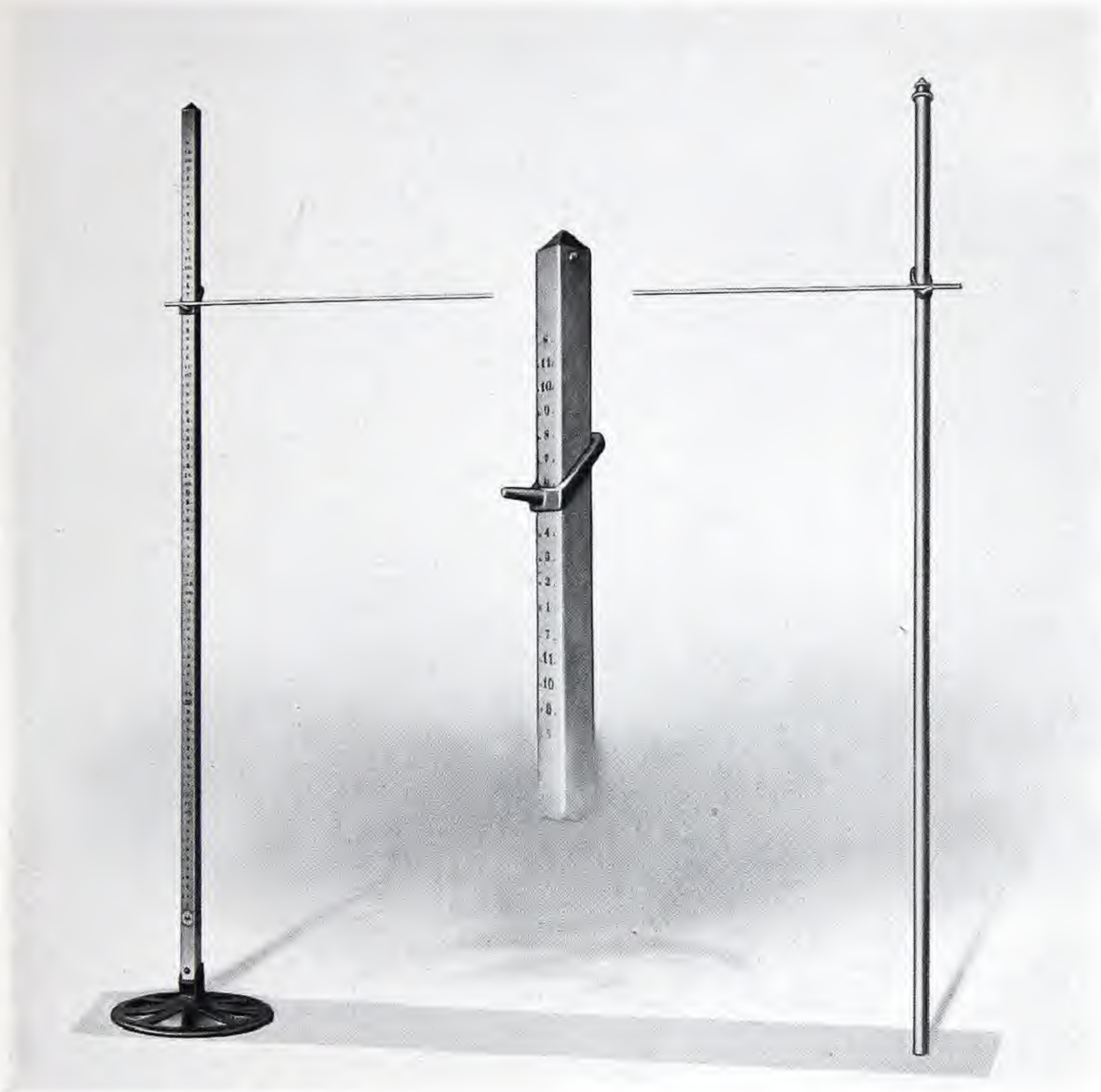
Space required for use 10 x 15 feet.

The bar is made of  $1\frac{1}{8}$  inch rolled steel with malleable iron caps and posts of 3 inch pipe. All parts are galvanized. Bar may be fixed at any height. Upright should be set in Concrete bases.

#### CONCRETE BASES

For Concrete Formula and quantities see page 28.





No. S 3735

No. D 126

### PORTABLE STANDARDS

A Portable Standard with Improved Pin as shown in center above; made in two sizes.

No. S 3735 Jumping Standard 8 feet high. One pair of Standards with Cord and Plummets

No. S 3736 Vaulting Standard 14 feet high. One pair of Standards with Cord and Plummets

### STATIONARY STANDARDS

A Stationary Galvanized Pipe Standard with Improved Pin similar to one used on Portable Standard; made in two sizes. These Standards should be set in concrete bases.

No. D 126 Jumping Standard 8 feet high. One pair of Standards with Cord and Plummets

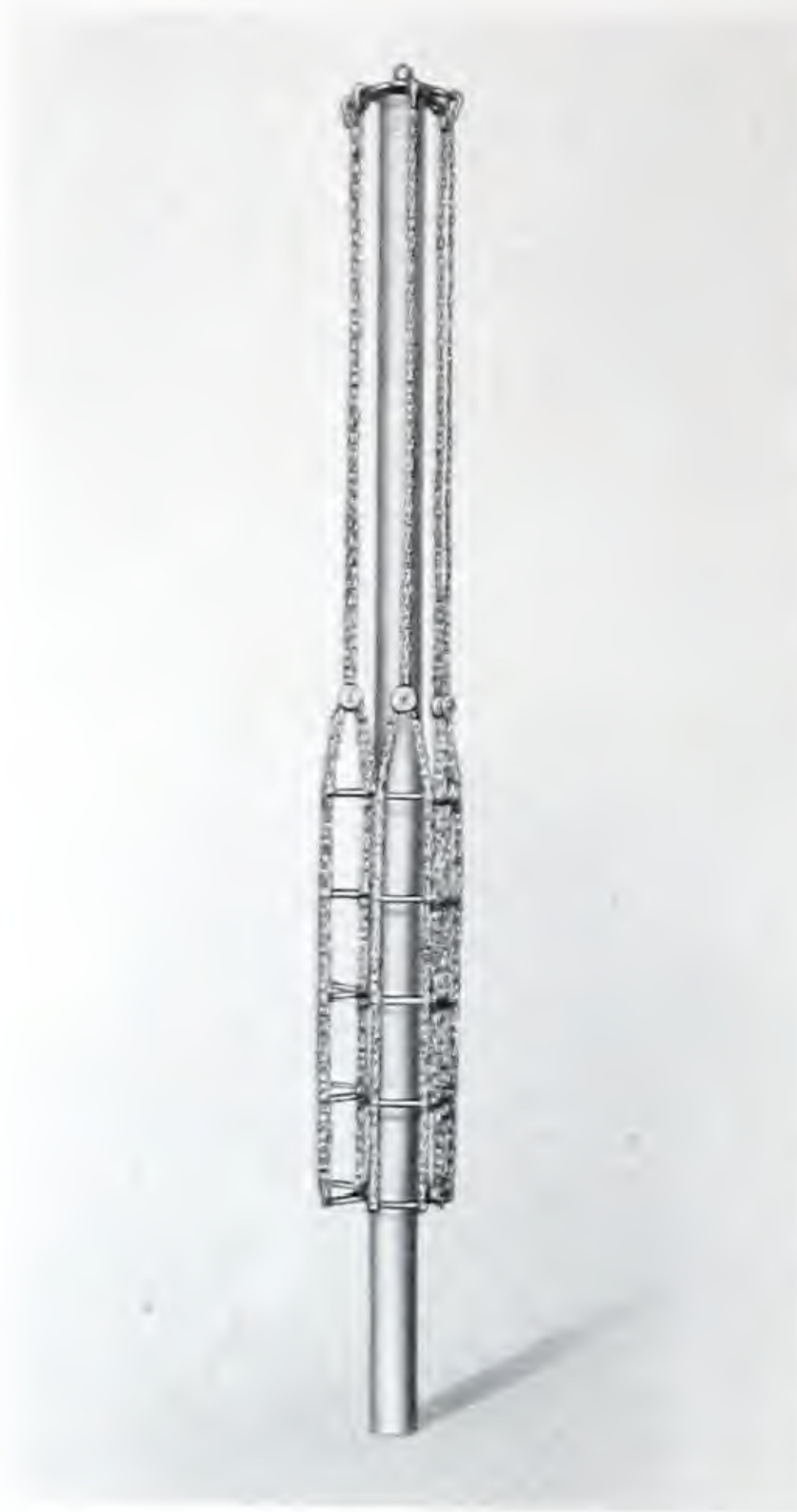
No. D 127 Vaulting Standard 14 feet high. One pair of Standards with Cord and Plummets

SIX JUMPING STICKS will be furnished in place of Rope and Plummets on any of the above Standards.

### CONCRETE BASES

For Concrete Formula and quantities see page 28.





### GIANT STRIDE No. D128

Includes 4 inch Galvanized Pipe upright, 12 inch diameter Hood, Pivot and 6 handles.

Height 12 feet.

Space required for use 30 feet diameter.

From the Hood are suspended 6 handles of the ladder type, 4 rounds each with chain connections all galvanized. The 4 inch Galvanized post should be set in a concrete base.

#### APPARATUS

1 D 129 Hood Complete.

1 set D 130 Six Galvanized Chain Handles.

#### PIPE

1 Piece 4 inch Galvanized Pipe 16 feet long, no threads.

(Pipe can be bought locally if desired.)

#### CONCRETE BASE

For Concrete Formula and quantities see page 28.





### PORTABLE SLIDE No. D 134

Popular with children of all ages.

Length of Slide 16 feet.      Height of Stand 8 feet.

Space required for use 10 x 25 feet.

The Slide has maple sides and galvanized steel bed. The stand is made of Oak, with galvanized steel Steps and galvanized pipe Hand Rails. The Slide is detachable from the Stand. The curve of the Slide is part of a conic section and gives the most desirable falling sensation with a safe stop at the bottom.





## MERRY-GO-ROUND No. D289

Space Required for use 35 Foot Circle.

This is a never failing source of fun and exercise for little ones. Even those who cannot run can be tucked into the central space and go around as gleefully as their older brothers and sisters. The law of centrifugal force regulates the speed by throwing the child who pushes too fast harmlessly off in a straight line out of danger.

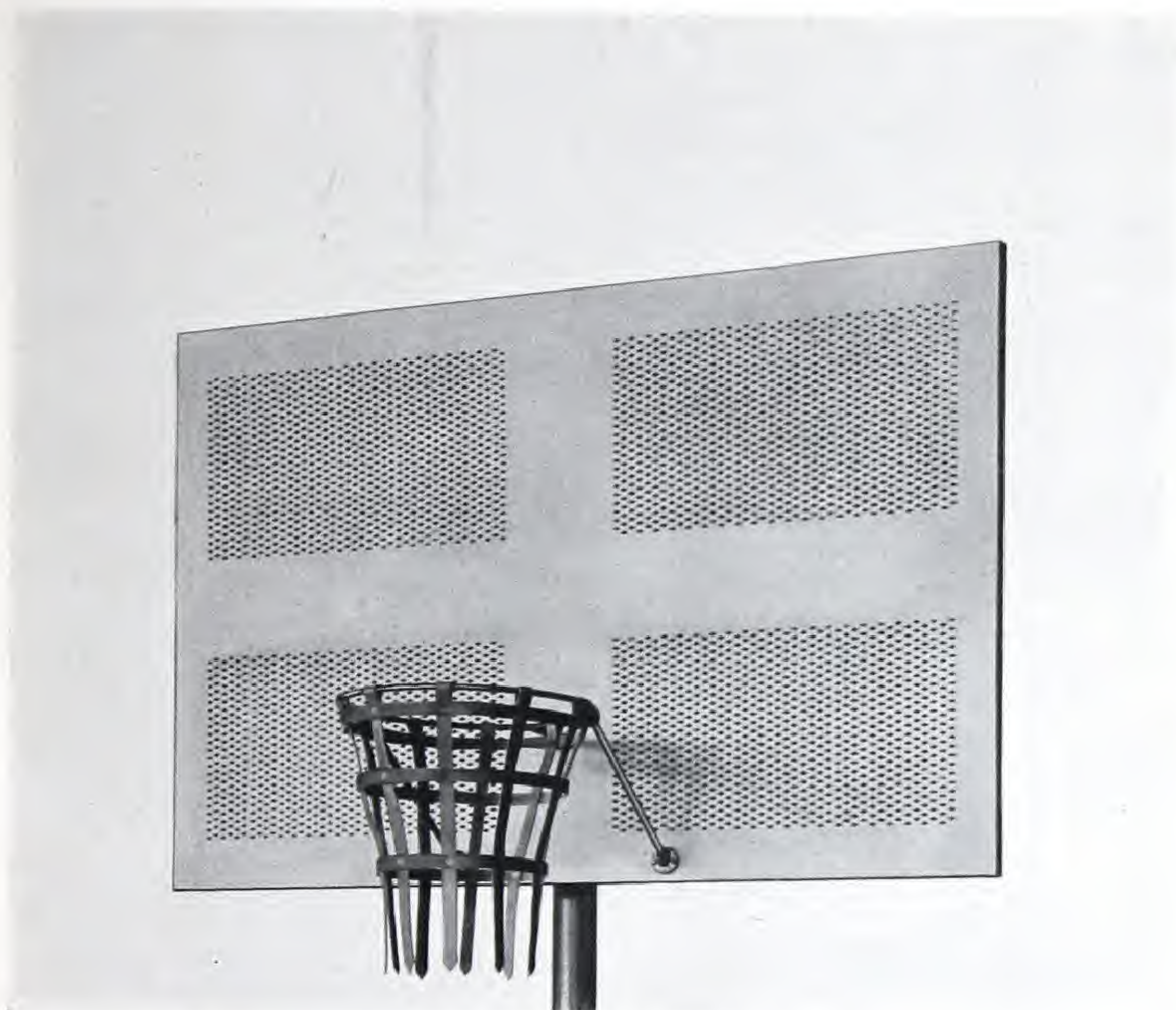
The Merry-Go-Round is 10 ft. in diameter; the frame-work is made up of angle iron and pipe and is secured to a 3 inch central steel column, the lower end of which runs in an oil-filled pipe chamber on a water wheel step bearing. The Merry-Go-Round is designed to set in a concrete base. The Hexagonal seat and circular step are of oak, and the whole outfit is finished in dark green paint.

This Merry-Go-Round has been designed for the idea of sturdiness, durability and hard-usage constantly in mind. To that end no pains have been spared in perfecting every detail of construction so that the best possible use has been made of every ounce of steel and wood in this piece of apparatus.

### CONCRETE BASES

For Concrete Formula and quantities see page 28.





GOAL No. 1704

BACK STOP No. D136

### BASKET BALL OUTFIT No. D135

Includes One Pair 3 inch galvanized Pipe Uprights, One Pair galvanized steel Backstops, One Pair Basket Ball Goals with Leather Nets. Pipe posts should be set in concrete.

#### APPARATUS

- 1 Pair D 136 Perforated Galvanized Steel Backstops
- 1 Pair 1704 Goals with Leather Nets

#### PIPE FITTINGS

- 2 D 146 3" Pipe Plugs
- 2 D 145 3" Foot Flanges

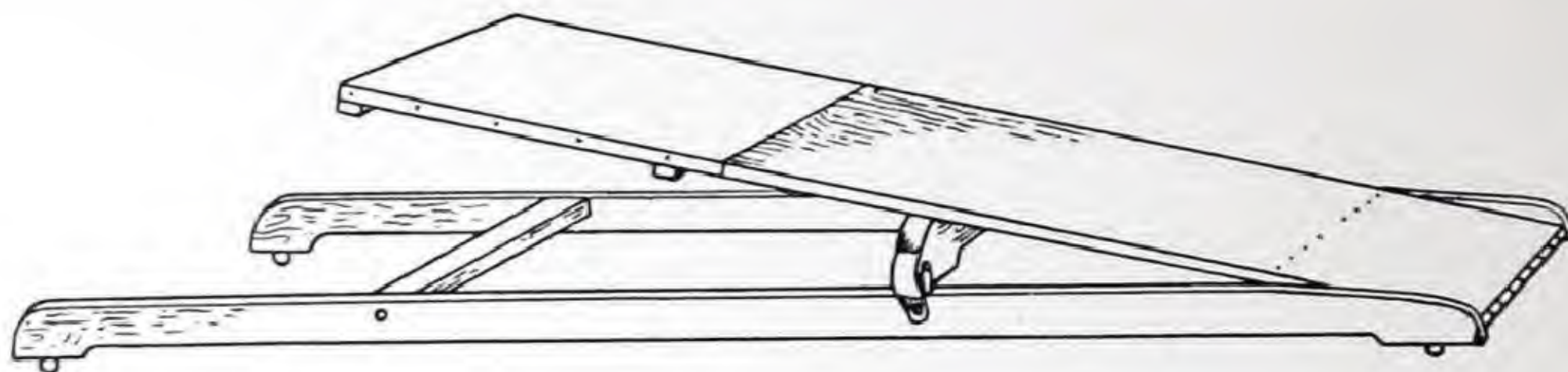
#### PIPE

- 2 Pieces 3" Galvanized Pipe 17 feet Long-No Threads
- Note: Pipe can be bought locally if desired

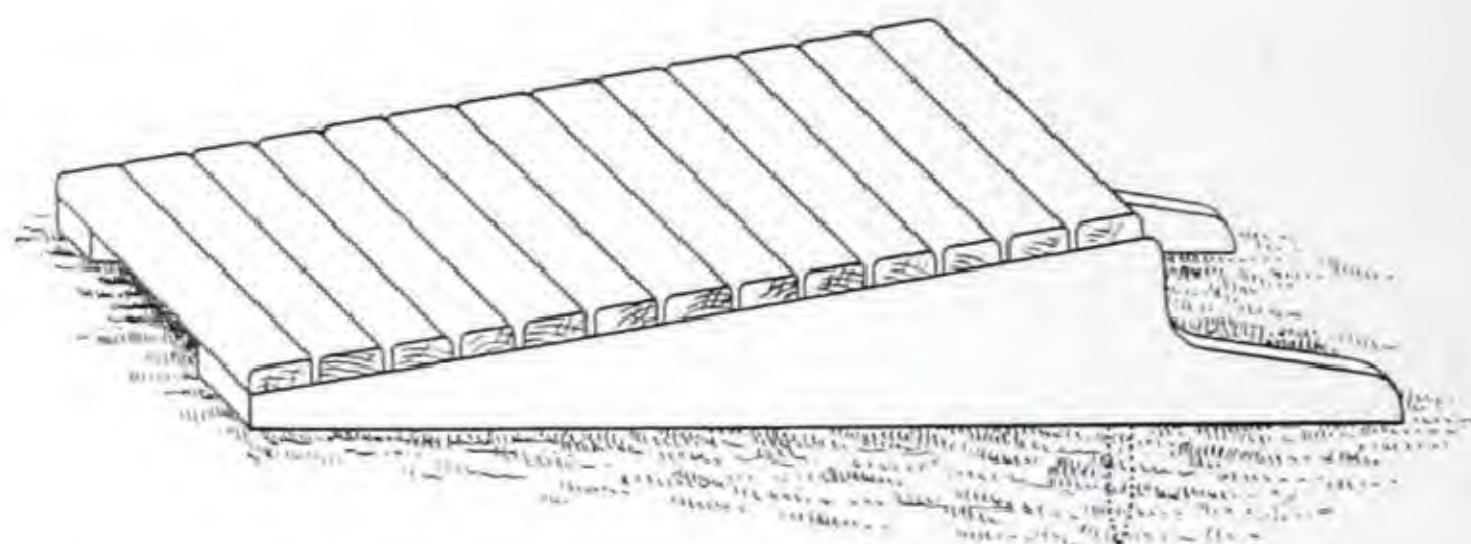
#### CONCRETE BASES

For Concrete Formula and quantities see page 28.

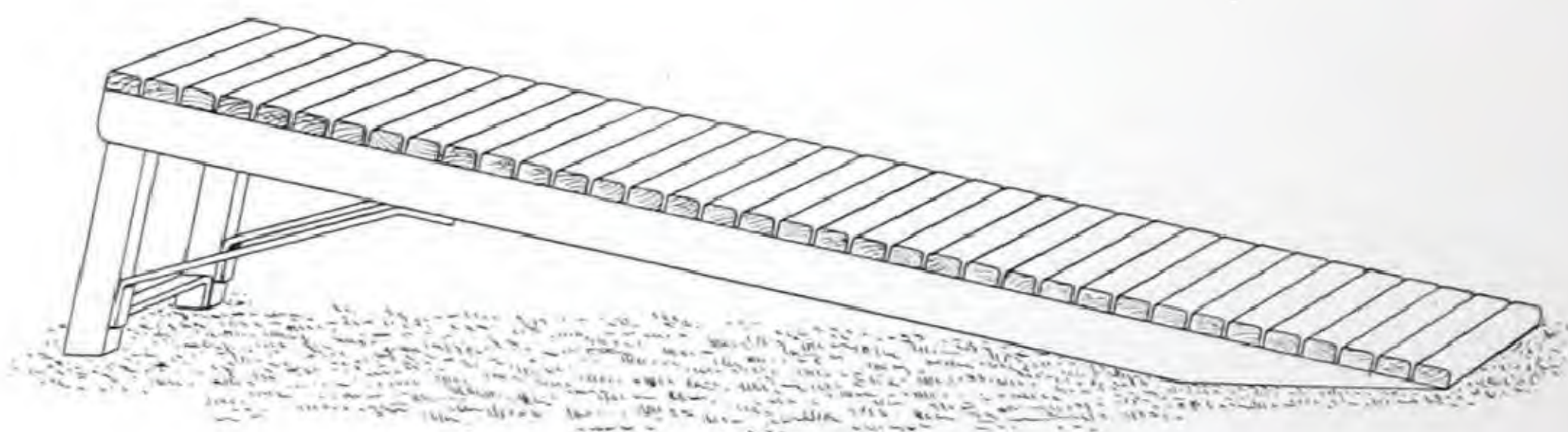




No. D 137 INCLINED SPRING BOARD, made extra strong and painted.



No. D 138 BEAT OR JUMP BOARD, slatted top, painted and spiked.



No. D 139 INCLINED PLANK, for use with traveling rings, slatted top, painted.





### GYMNASIUM OUTFIT No. D 116

A Compact Outfit for School or Public Playground.

Length 10 feet.

Height 14 feet.

Space required for use 16 x 20 feet.

Includes Rings, Adjustable Horizontal and Vaulting Bar, Climbing Pole, Climbing Rope, Sliding Poles, Sliding Ladder and a Pipe Frame.

This Outfit is especially designed for playgrounds where space is limited and durable apparatus with a wide range of exercise is needed.





## PLAYGROUND SWING No. D 115F

For 12 foot Frame.

Oak Board with steel end brackets, steel Long Linked Chains and two No. D 148 Cross Rolling Links for 3" Pipe.

All Metal Parts Galvanized.

As used on our No. D 113 Swing Outfit





No. D 112F

No. D 118F

### FLYING RINGS NO. D 112F

For 14 Foot Frame.

Galvanized Steel Rings. Steel Long Linked Chains and two No. D 148 Cross Rolling Links for 3" Pipe.

All Metal Parts Galvanized.

As used on our No. D 101 Gymnasium Outfit.

### TRAVELING RING NO. D 118F

Galvanized Steel Ring. Steel Long Linked Chains and one No. D 149 Straight Rolling Link for 3" Pipe.

All Parts Galvanized.

As used on our No. D 117 Traveling Ring Outfit.





## BABY SWING

No. D 122 F

Especially desirable for small children.

Strong Canvas Swing with Bentwood Sides, Ropes, Hooks, and two No. D 150 Cross Eye Clamps.

## CHAIR SWING

No. D 287

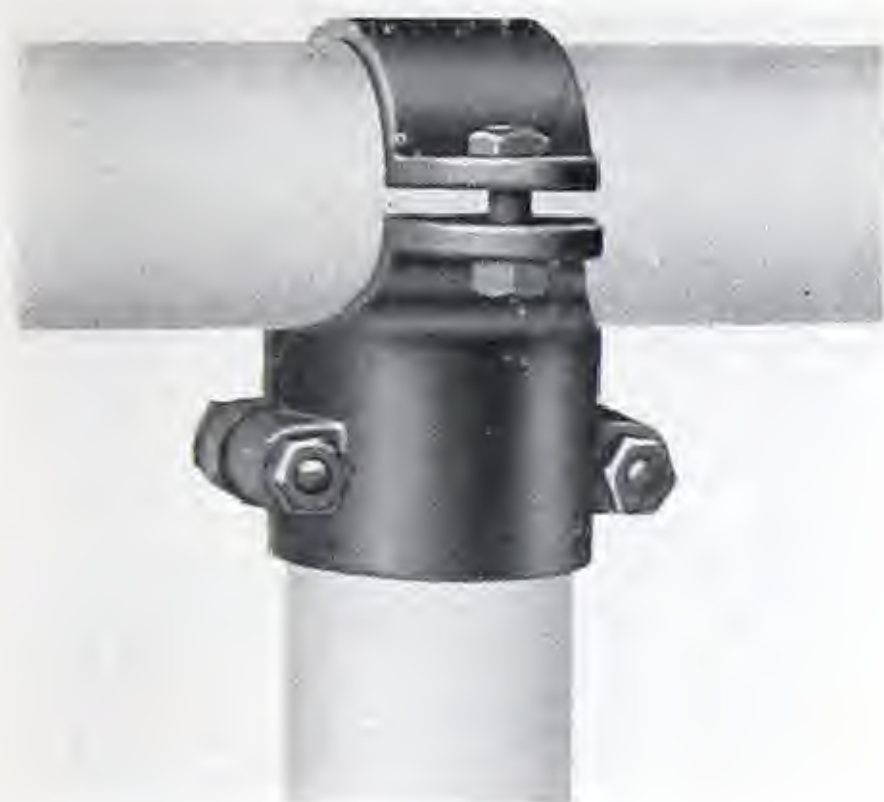
Protects the little ones from falling out.

Wooden Seat with Strong Safety Chain Supports, and two No. D150 Cross Eye Clamps.





## FRAME FITTINGS



D140  
PIPE TEE CLAMP  
For 3 inch Pipe.



D 41  
PIPE COUPLING.  
For 3 inch Pipe



D142  
SIDE BRACE CLAMP.  
For 3 inch Pipe  
and 2 inch Brace.



D143  
END BRACE CLAMP.  
For 3 inch Pipe  
and 2 inch Brace.



## FRAME FITTINGS



D 147  
SEE-SAW FULCRUM.  
For 3 inch Pipe.



D 144  
2 IN. FOOT FLANGE.



D 152  
SEE SAW HANDLE



D 145  
3 IN. FOOT FLANGE.



D 146  
3 IN. PIPE PLUG.



## FRAME FITTINGS



D 148

CROSS ROLLING LINK.

For 3 inch Pipe.

D 75 Link Only.



D 149

STRAIGHT ROLLING LINK.

For 3 inch Pipe.



D 150

CROSS EYE CLAMP.

For 3 inch Pipe.

S 713 G Rope Hook Only.



D 151

STRAIGHT EYE CLAMP.

For 3 inch Pipe.



## CONCRETE BASES

Pipe posts and braces are generally set in concrete. A 1-3-7 mixture, that is, one part by measure of cement, three parts of clean sharp sand, and seven parts of crushed stone or clean gravel, not less than  $\frac{3}{8}$ " screen, is recommended, and is made up to the following formula:

For one cubic yard of concrete:

4 cu. ft. of cement (4 bags)

$\frac{1}{2}$  cu. yd. ( $13\frac{1}{2}$  cu. ft.) of clean sharp sand.

1 cu. yd. (27 cu. ft.) of crushed stone or gravel.

Holes should in general be dug 15" square and 6" deeper than the bottom of the pipe. Special directions are sent for each frame and piece of apparatus, giving the exact amount of the ingredients required.

The concrete should set at least 48 hours without being disturbed.

### PIPE NOTE.

All pipe used in frame should have clean cut square ends in order for the clamps to fit the pipes snugly. If the pipe is cut with a wheel cutter and consequently is belled slightly at the ends, the bell should be filed off before assembling with clamps.

## DIRECTOR'S POCKET BOOK

Our GYMNASIUM DIRECTORS POCKET BOOK contains the following articles of interest to Playground Directors.

Track and athletic records.

Rope knots and hitches.

Space required for games.

Schafer method of resuscitation.

Running track dimensions.

WRITE FOR A COPY.



## STEEL LOCKERS



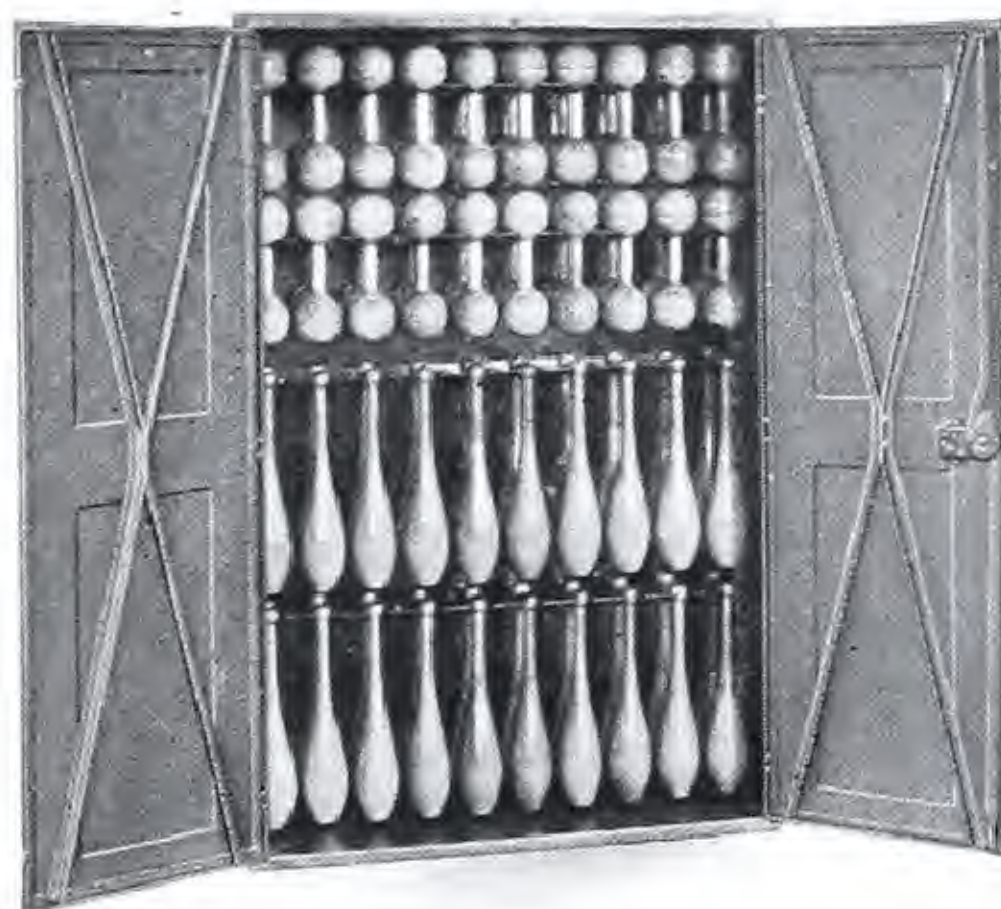
TWO TIER LOCKER

Standard Steel Lockers are the results of over twenty-five years of experience in locker construction for gymnasiums.

They are made in single and two tiers, also in six tiers for Box Lockers.

Standard Lockers are finished in Black or Olive Green baked enamel that will not flake or scale.

Steel Club and Bell Cabinets are the best means of caring for Clubs and Bells. They are also made for either clubs or bells separate or to include Wands or for game apparatus, such as balls, bean bags, etc.



CLUB AND BELL CABINET

## CATALOG G7

Shows the above in detail, also other styles of Lockers, Office Cabinets, Wardrobes, Steel Shelving.

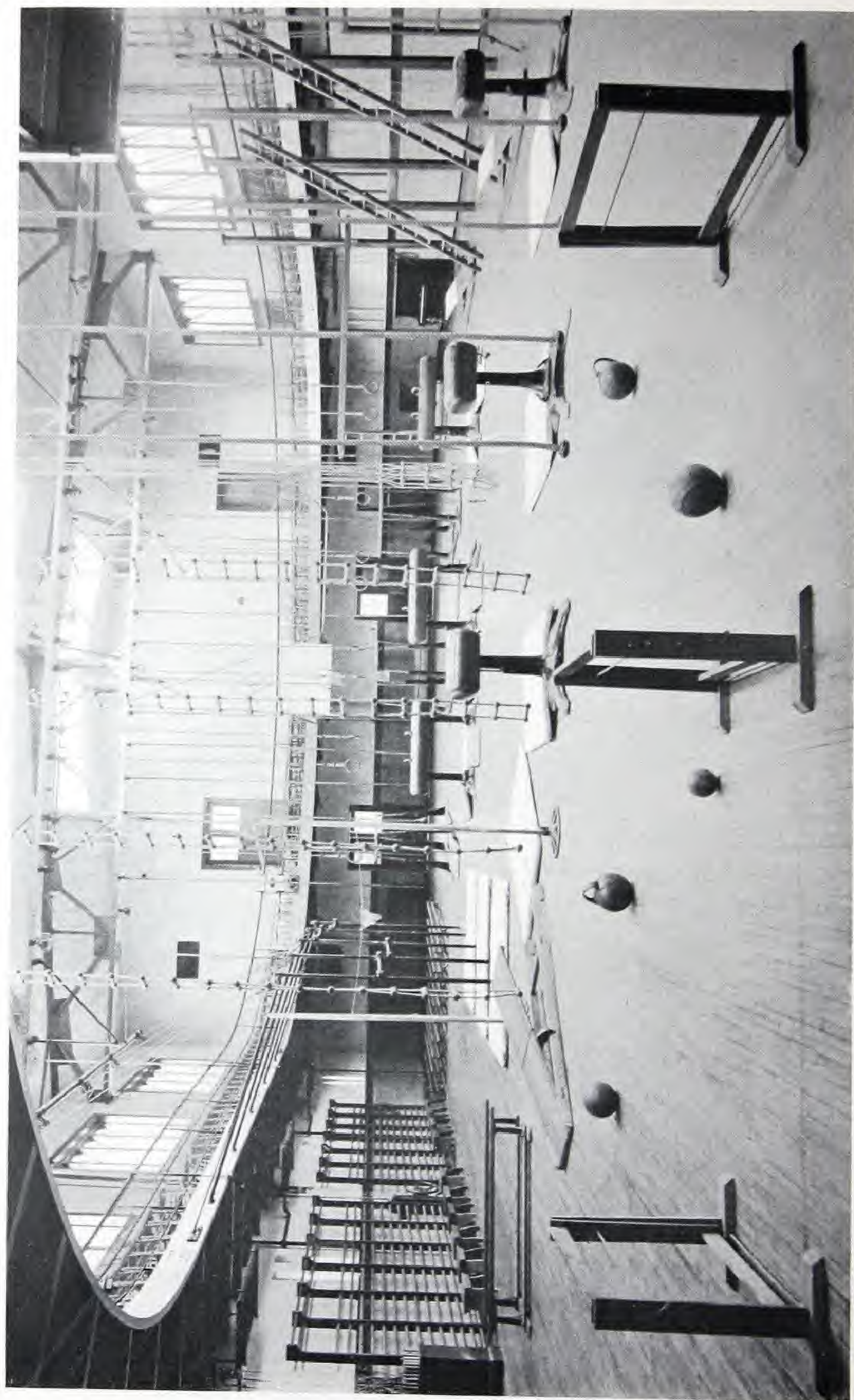
Write for it.

We make separate plans with estimates for Locker Rooms with either Standard or Box Lockers.

Send us your plans.

Send for Locker Catalog G7.





STATE NORMAL SCHOOL, LA CROSSE, WIS.

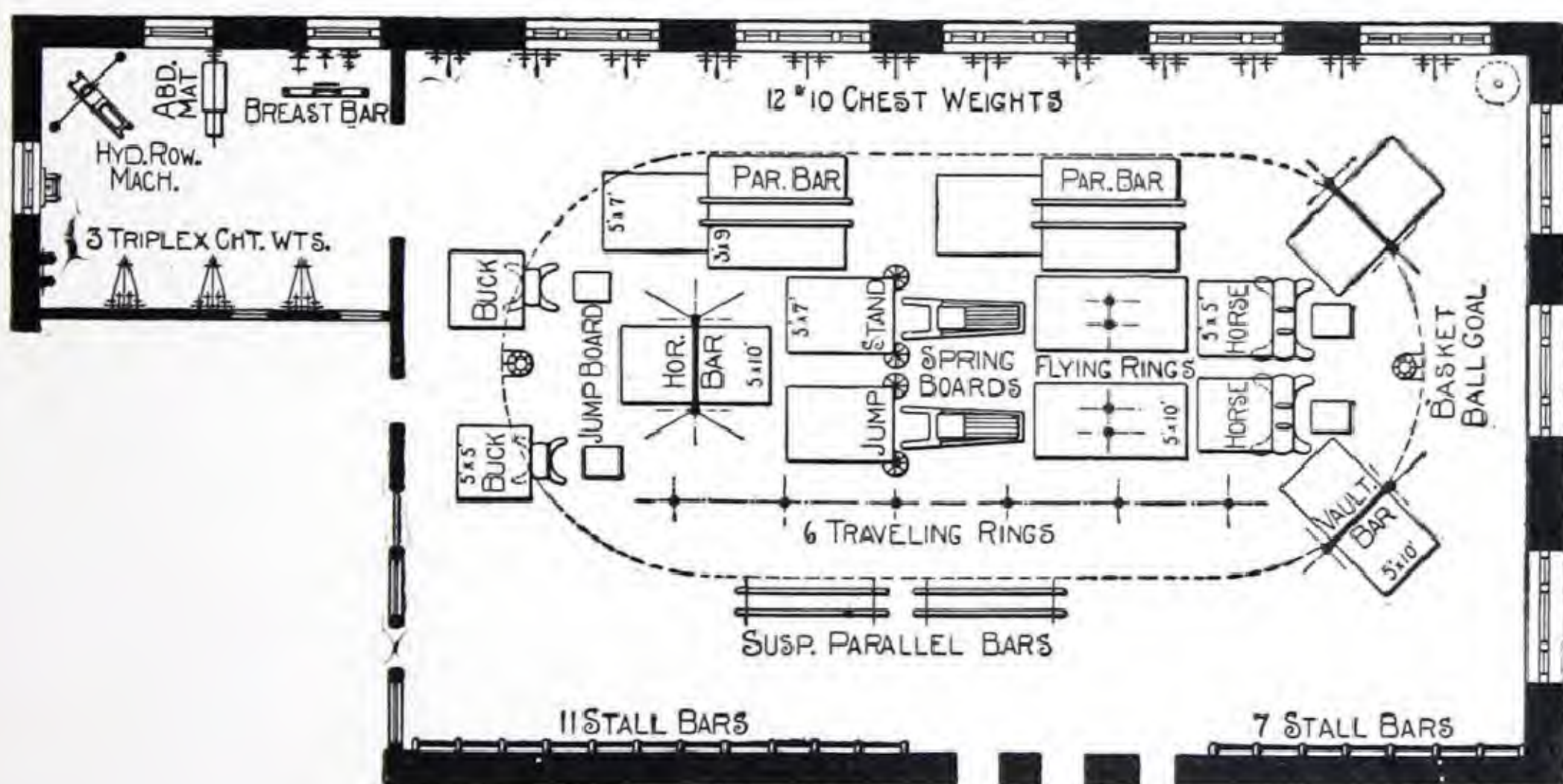


## SPECIAL PLANS AND LISTS

These Special Plans embody the experience of many years in fitting Gymnasias, and although they are gotten up at considerable expense to us we will furnish them free of charge, only asking that our claims for superiority of our apparatus be given careful consideration. They enable the matter of Gymnasium furnishing to be placed in convenient form before a committee for their consideration, revision, etc.,

To make these plans we require full dimensions of the Gymnasium, height of gallery and railing, the location of the beams overhead and all windows, doors, etc. Generally the architect's plans contain all we need, and if desired, copies sent to us could be returned next day. The more complete the information we receive, the more value our plans and lists will have to intending purchasers.

When ready for Estimates on Equipment, send us plans as noted above and we will make Plans showing the arrangement of Apparatus, Lockers or Running Track, with Detailed Estimates, in the best possible form for placing before directors or purchasing committees.





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